GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:4604
ANSWERED ON:22.08.2000
GENE TRANSFER TECHNOLOGY
DILIP KUMAR MANSUKHLAL GANDHI

Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether the National Chemicals Laboratoryhas evolved prototypes for developing insect?resistant cotton, chickpea, pigeonpea and black pepper through the gene transfer technology; and

(b) if so, the details thereof alongwith the result achieved in each field ?

Answer

MINISTER FOR HUMAN RESOURCE DEVELOPMENT AND SCIENCE AND TECHNOLOGY (DR. MURLI MANOHAR JOSHI)

(a)&(b) : No Sir, so far National Chemical Laboratory (NCL)has not evolved any prototypes for developing insect?resistant cotton, chickpea, pigeonpea and black pepper through the gene transfer technology. NCL is one of the collaborating institutions in a network programme for developing insect?resistant cotton and chickpea. The specific role of NCL inthese two programmes is to identify antifeedent proteins and clone the corresponding genes.